

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037699.D
 Acq On : 14 Apr 2020 14:41
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00546

Quant Time: Apr 14 15:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 14 15:15:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126572	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.93	69	105015	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	231402	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.66	46	346094	48.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	5.10	84	206147	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	112860	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	426771	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	139913	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.93	98	393016	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.20	79	61997	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.66	63	316869	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108318	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	141175	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	167426	5.608	ug/L 100
3) Chloromethane	1.53	50	187907	5.090	ug/L 99
5) Vinyl chloride	1.62	62	192602	5.311	ug/L 98
6) Bromomethane	1.87	94	107902	5.182	ug/L 99
8) Chloroethane	1.95	64	113267	5.319	ug/L 97
9) Trichlorofluoromethane	2.16	101	208495	5.358	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	129470	5.714	ug/L 99
12) 1,1-Dichloroethene	2.60	96	127365	5.363	ug/L 96
13) Acetone	2.65	43	243963	51.733	ug/L 100
14) Carbon disulfide	2.82	76	456404	5.263	ug/L 99
15) Methyl Acetate	2.98	43	67363	5.138	ug/L 100
16) Methylene chloride	3.08	84	138491	5.172	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	366688	5.332	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	139415	5.414	ug/L 96
19) 1,1-Dichloroethane	3.91	63	264859	5.318	ug/L 99
21) 2-Butanone	4.74	43	451840	52.735	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	146209	5.255	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	61351	5.203	ug/L	98
25) Chloroform	5.13	83	244452	5.167	ug/L	98
27) 1,2-Dichloroethane	5.83	62	168380	5.265	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	213354	5.328	ug/L	99
30) Cyclohexane	5.42	56	274746	5.543	ug/L	99
31) Carbon tetrachloride	5.56	117	171347	5.370	ug/L	100
33) Benzene	5.81	78	579593	5.315	ug/L	100
34) Trichloroethene	6.57	95	143334	5.349	ug/L	97
35) Methylcyclohexane	6.79	83	266742	5.680	ug/L	99
37) 1,2-Dichloropropane	6.82	63	152671	5.279	ug/L	100
38) Bromodichloromethane	7.13	83	182357	5.303	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	240981	5.323	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1112317	52.317	ug/L	100
42) Toluene	8.00	91	609171	5.333	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	205740	5.235	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	102181	5.243	ug/L	98
47) Tetrachloroethene	8.58	164	104444	5.424	ug/L	99
48) 2-Hexanone	8.71	43	802630	52.727	ug/L	100
49) Dibromochloromethane	8.84	129	117445	5.273	ug/L	99
50) 1,2-Dibromoethane	8.95	107	98676	5.266	ug/L	99
51) Chlorobenzene	9.47	112	370636	5.318	ug/L	99
52) Ethylbenzene	9.59	91	690720	5.436	ug/L	98
53) m,p-Xylene	9.71	106	260921	5.425	ug/L	100
54) o-Xylene	10.12	106	254138	5.369	ug/L	99
55) Styrene	10.13	104	437891	5.412	ug/L	98
56) Isopropylbenzene	10.50	105	673598	5.425	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	130733	5.153	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	99710	5.268	ug/L	99
61) Bromoform	10.31	173	68413	5.248	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	299451	5.450	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	297776	5.404	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	277339	5.362	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	25364	5.290	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	227607	5.649	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	209255	5.658	ug/L	100
69) Naphthalene	14.12	128	411805	5.498	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	182832	5.548	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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